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|  | **Agricultural Science Dept. Mr. Jason Hovell** | **Week #6****Week of Oct. 7th – 13th, 2013** |  |
|  | **Plant & Soil Science** | **Science 7** | **Food Science & Processing**  | **Small Engines** | **Wildlife, Forestry & Aquaculture****Instructional Strategies:****Resources:****Task/Activity/Assignment:** | **Exploring Ag 8** |
| **Monday** | **Objective:** Learn the origins of common worldwide foods.**Instructional Strategies:**-Individual Assignment / Student Presentations**Task/Activity/Assignment:**5 Crops of the Future Project PresentationCh. 2 (1-15)**Resources:** Computer, LCD Projector, Text | **Objective:** Understand the 4 trophic levels of life.**Instructional Strategies:**-Teacher led discussion**Task/Activity/Assignment:**-Observe Milkweed Bugs-Correct Wksht Assignment-10% Rule Review/ Wksht Assignment #2**Resources:** Wksht  | **Objective:** Students learn parts of a cereal grain, and the process used to make flour.**Instructional Strategies:**Traditional Teacher Led w/ student monitoring**Task/Activity/Assignment:**Food Science IssuesCh. 14: Cereal Industry (284-294)-Flour Mill Tour Clip Assignment: pg. 295 (1-10)AES: C.12.2ITL: A.12.3, A.12.5, C.12.1**Resources:**  | **Objective:** Learn to identify the names of 60 common small engines tools.**Instructional Strategies:**Individual/Small Group Exploration  **Task/Activity/Assignment:**Interactive CD Features: Flash CardsAES:B.12.1, D.12.4TES: B.12.8, C.12.9, D.12.1**Resources :**Text, Wksht Tools | **Objective:****-**Learn to use forestry Measuring Equipment **Instructional Strategies:**-Individual & Small Group Learning**Task/Activity/Assignment:** -Hypsometer/Biltmore Stick Timber Cruising Lab-Increment Borer Lab- Tree Aging Lab **Resources:** Measuring Equipment AES: D.12.1, D.12.2, D.12.4SES: F.12.4 | **Objective:** Learn to identify the names of 50 common small engines tools.**Instructional Strategies:** Individual Assessment**Task/Activity/Assignment:**Tool ID AssignmentAES:B.12.1, D.12.4TES: B.12.8, C.12.9, D.12.1**Resources:** Text, Wksht Tools |
| **Tuesday** | **Objective:** Learn parts of a complete flower.**Instructional Strategies:**Teacher Led Class**Task/Activity/Assignment:**-Flower Parts Notes **Resources:** Flower Part PP | **Objective:** To assess students’ knowledge of food web/food chain organization. **Instructional Strategies:**Individual assessment**Task/Activity/Assignment:**-Students take assessment-Insect habitat care -Exam Feedback/Corrections, if needed**Resources:** Assessment, Text, bug habitat  | **Objective:** Students learn science behind fermentation/bread rising. **Instructional Strategies:** Small Group Lab**Task/Activity/Assignment:**Bread Lab (Foods Room)AES- A.12.2ITL- B.12.5, B.12.8**Resources:** Ingredients, Bags, Lab Sheets | **Objective:** Learn to identify the names of 60 common small engines tools.**Instructional Strategies:** Individual/Small Group Exploration **Task/Activity/Assignment:**Small Engine Tool IDAES:B.12.1, D.12.4TES: B.12.8, C.12.9, D.12.1**Resources:** Text, Wksht Tools | **Objective:** To learn 6 common invasive species found within Wisconsin (oak wilt, gypsy moth, Eurasian milfoil, purple loosestrife, zebra mussels, Emerald Ash Borer).**Instructional Strategies:**Group Project**Task/Activity/Assignment:**-Forest Invasive Species Project **Resources:** Invasives Resources, Computers, Directions Sheet  | **Objective:** Learn to identify the names of 50 common small engines tools.**Instructional Strategies:** Individual Assessment**Task/Activity/Assignment:**Tool ID AssignmentAES:B.12.1, D.12.4TES: B.12.8, C.12.9, D.12.1**Resources:** Text, Wksht Tools |
| **Wednesday** | **Objective:** Learn parts of a complete flower.**Instructional Strategies:**Individual Lab**Task/Activity/Assignment:**-Flower Dissection Lab**Resources:** Scalpels, dissection pans, flowers | **Objective:**. Students will be able to calculate the calorie content in food through labwork, and to recognize that food contains energy. **Instructional Strategies:**Individual observations & small groups**Task/Activity/Assignment:**-Quick Write “How does your body get energy to do what you want it to do?”-Discuss Burning Lab Procedures & Safety**Resources:** cheese balls, foil, matches, stands. Lab sheets  | **Objective:** -Students are able to explain effects of a variable (flour) in bread lab.  **Instructional Strategies:**Small Group / Teacher led discussion**Task/Activity/Assignment:**Bread Tasting LabAES- A.12.2, D.12.6ITL-B.12.1, B.12.5**Resources:** Textbook. Lab sheet | **Objective:** Learn to identify the names of 60 common small engines tools.**Instructional Strategies:** Individual Assessment**Task/Activity/Assignment:**Small Engine Tool ID QuizAES:B.12.1, D.12.4TES: B.12.8, C.12.9, D.12.1**Resources:** Text, Wksht Tools | **Objective**: To learn 6 common invasive species found within Wisconsin (oak wilt, gypsy moth, Eurasian milfoil, purple loosestrife, zebra mussels, Emerald Ash Borer).**Instructional Strategies:**Group Project**Task/Activity/Assignment:**-Forest Invasive Species Project **Resources:** Invasives Resources, Computers, Directions Sheet  | **Objective:** Learn to identify the names of 50 common small engines tools.**Instructional Strategies:** Individual Assessment**Task/Activity/Assignment:**Tool ID Quiz & Activity AES:B.12.1, D.12.4TES: B.12.8, C.12.9, D.12.1**Resources:** Text, Wksht Tools |
| **Thursday** | ACT Testing | **Objective:**. Students will be able to calculate the calorie content in food through labwork, and to recognize that food contains energy. **Instructional Strategies:**Individual observations & small groups**Task/Activity/Assignment:**-Quick Write “How does your body get energy to do what you want it to do?”-Discuss Burning Lab Procedures & Safety**Resources:** cheese balls, foil, matches, stands. Lab sheets | ACT Testing | **No School** | **No School** | **No School** |
| **Friday** | **No School**  | **No School** | **No School** | **No School**  | **No School** | **No School** |